

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-033317

(43)Date of publication of application : 08.02.1994

(51)Int.Cl.

D01F 8/10
D01F 1/10
D01F 8/14
D03D 15/00
D06M 11/38
// D01F 6/92
D06M101:16

(21)Application number : 04-182445

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(22)Date of filing : 09.07.1992

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(54) YARN HAVING EXCELLENT DURABLE WATER REPELLENCY AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To obtain yarn having excellent durable water repellency, showing water-repellent effects not simply reducing by washing, friction during wearing, etc.

CONSTITUTION: Yarn comprises a sheath-core type structure having a ratio of a core component/a sheath component of 60/40-95/5wt.% wherein the sheath component contains 2-15wt.% modified silica fine particles which are made hydrophobic with methyl group, trimethyl group or octylsilane and have 50-150m²/g specific surface area and ≤90wt.% SiO₂ content.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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